

FORM PTO-1390 (REV. 10-2004)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 18528.188/18528.853	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/533388</div>	
INTERNATIONAL APPLICATION NO. PCT/US00/19497		INTERNATIONAL FILING DATE 13 July 2000 (13.07.2000)		PRIORITY DATE CLAIMED 13 July 1999 (13.07.1999)	
TITLE OF INVENTION: The Use of Membranes, Cells and Tissue from the <i>Area Postrema</i> to Identify Therapeutic Compounds					
APPLICANT(S) FOR DO/EO/US Andrew YOUNG; Bronislava GEDULIN					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information (list): <div style="margin-left: 20px; padding-top: 5px;"> a) a courtesy copy of published International Appln. No. WO 01/33220; b) a courtesy copy of the published International Search Report; c) a courtesy copy of International Preliminary Examination Report issued October 30, 2001; d) a Petition under 37 C.F.R. § 1.137(b) for Revival of an Unintentionally Abandoned International Patent Application Designating the United States; e) an Information Sheet with attachment </div> 					

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/533388		International Application No. PCT/US00/19497		ATTORNEY'S DOCKET NUMBER 18528.188/18528.853	
The following fees are submitted:				CALCULATIONS	Office Use Only
21. <input checked="" type="checkbox"/> Basic national fee..... \$300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00				\$ 500.00	
TOTAL OF 21, 22 and 23 =				\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
-100=	/50=		X \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	21- 20 =	1	x \$ 50.00	\$ 50.00	
Independent claims	5- 3 =	2	x \$ 200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,810.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	\$
SUBTOTAL =				\$1,810.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1,810.00	
Fee for Petition under 37 C.F.R. § 1.137(b) for Revival of an Unintentionally Abandoned International Patent Application Designating the United States				\$1,500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED =				\$3,310.00	
				Amount to be refunded:	\$
				charged:	\$

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/533388</div>	International Application No. PCT/US00/19497	ATTORNEY'S DOCKET NUMBER 18528.188/18528.853
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a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-2387 in the amount of \$ 3,310.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.

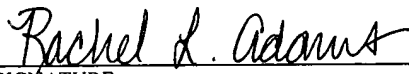
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2387. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.496 has not been met, a petition to revive (37 CFR 1.137(a)) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 44638


 SIGNATURE
Rachel L. Adams (Reg. No. 54,660)

Date: April 29, 2005

ARNOLD & PORTER LLP

202.942.5000
202.942.5999 Fax555 Twelfth Street, NW
Washington, DC 20004-1206

April 29, 2005

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: New U.S. National Phase Application
Based on International Application No. PCT/US00/19497
International Filing Date: 13 July 2000
Appln. No.: To Be Assigned
Filed: Herewith
Title: **The Use of Membranes, Cells and Tissue from the Area Postrema
to Identify Therapeutic Compounds**
Applicants: Andrew YOUNG *et al.*
Atty. Docket: 18528.188/18528.853

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office (PTO):

1. a Petition Under 37 C.F.R. § 1.137(b) for Revival of an Unintentionally Abandoned International Patent Application Designating the United States;
2. an Information Statement with attachment;
3. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (in duplicate);
4. an executed Combined Declaration and Power of Attorney form;
5. a Preliminary Amendment;
6. a courtesy copy of Published International Application (WO 01/33220 A2);
7. a courtesy copy of Published International Search Report (WO 01/33220 A3);
8. a courtesy copy of the International Preliminary Examination Report issued October 30, 2001; and
9. two (2) return postcards.

ARNOLD & PORTER LLP

Commissioner for Patents
Atty. Dkt.: 18528.188/18528.853
April 29, 2005
Page 2

Applicants request that \$3,310.00 for the following fees be charged to Deposit Account No. 50-2387, referencing matter number 18528.853:

\$ <u>300.00</u>	Basic national fee
\$ <u>200.00</u>	Examination fee
\$ <u>500.00</u>	Search fee
\$ <u>810.00</u>	Excess claims fee
\$ <u>1,500.00</u>	Petition to Revive fee.

Please stamp one of the two attached postcards with the filing date of these documents and return it to our courier, and stamp the other prepaid postcard with the filing date and unofficial application number and return it as soon as possible.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees, other than the above fees (\$3,310.00) are due in conjunction with this filing. However, if any additional fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387, referencing matter number 18528.853. A duplicate of this letter is enclosed.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)
Rachel L. Adams (Reg. No. 54,660)

Attachments